

Image

1731  
DAC



990.1202

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Examiner: Fortuna, José A.

Art Unit: 1731

Re: Applicants: KARHUNEN, Jouko, et al.  
Serial No.: 09/403,912  
Filing Date: October 28, 1999  
Title: METHOD AND EQUIPMENT FOR  
ATTENUATION OF OSCILLATION IN A PAPER  
MACHINE OR IN A PAPER FINISHING DEVICE

**PETITION TO WITHDRAW HOLDING OF ABANDONMENT**  
**UNDER 37 CFR §1.181(a)**

Mail Stop Petitions  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

April 14, 2004

Dear Sir:

Applicant hereby requests consideration on the merits of this Petition to Withdraw

Holding of Abandonment Under 37 CFR 1.181(a) and in support thereof shows the following:

1. A Notice of Abandonment dated April 8, 2004 was received by Applicant's attorney on April 12, 2004. A copy of the Notice of Abandonment is enclosed herewith. According to the Notice of Abandonment, Applicant failed to file a timely reply to the Office letter mailed on March 11, 2003. However, Applicant's attorney hereby advises that Applicant filed a timely response to the Final Office Action mailed on March 11, 2003.

I hereby certify that this correspondence and/or fee is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on April 14, 2004.

STEINBERG & RASKIN, P.C.

By:

*Ginnette McPherson*

2. Applicant's attorney submitted a Response to Final Office Action on September 11, 2003 including an Amendment, a three month extension of time and a Notice of Appeal and each submission included a Certificate of Mailing certifying that they were being deposited with the U.S. Postal Service as first class mail in an envelope addressed to the Commissioner for Patents on September 11, 2003. A copy of the submissions are submitted herewith.

3. Applicant's attorney submits that the Response to the Office Action was received by the USPTO on September 15, 2003. A copy of a return-receipt postcard submitted with the submissions setting forth the September 11, 2003 mailing date and stamped by the PTO with a September 15, 2003 received date is enclosed herewith.

4. Applicant's are, on this same day, April 14, 2004 filing a Request for Continued Examination (RCE) along with a five month extension of time, extending the due date for a response to April 15, 2004. The deadline for the filing of the RCE is seven months from the date of the receipt of the Notice of Appeal, which was September 15, 2003.

5. Applicant's attorney further submits that this Petition to Withdraw Holding of Abandonment Under 37 CFR 1.181(a) is being timely filed within two months of the mailing date of the Notice of Abandonment as required under 37 CFR 1.181(f).

In view of the foregoing facts, the withholding of abandonment should be withdrawn and the Response to Election of Species Requirement filed with the USPTO for the above-identified application should be processed.

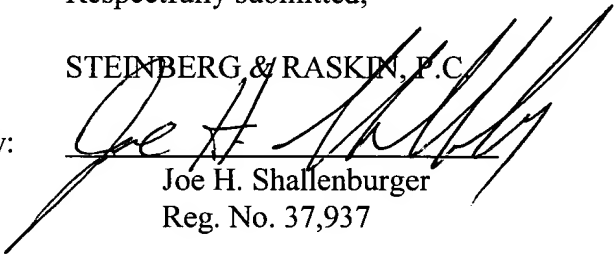
Applicant's Attorney hereby asserts that this response is timely and that no petition fee is required. In the event any fee is required for this response, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 500518. A duplicate copy of this letter is enclosed.

Please telephone the undersigned if any additional information or materials are required.

Respectfully submitted,

STEINBERG & RASKIN, P.C.

By:



Joe H. Shallenburger  
Reg. No. 37,937

STEINBERG & RASKIN, P.C.  
1140 Avenue of the Americas, 15th Floor  
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JHS:am

Encls.

cc: Martin G. Raskin, Esq. (w/o encls.)



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/403,912	10/28/1999	JOUKO KARHUNEN	990.1202	7846

21831 7590 04/08/2004

STEINBERG & RASKIN, P.C.  
1140 AVENUE OF THE AMERICAS, 15th FLOOR  
NEW YORK, NY 10036-5803



EXAMINER

FORTUNA, JOSE A

ART UNIT	PAPER NUMBER
----------	--------------

1731

DATE MAILED: 04/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

RECEIVED  
APR 12 2004  
STEINBERG & RASKIN, PC

**Notice of Abandonment**

Application No.

09/403,912

Examiner

José A Fortuna

Applicant(s)

KARHUNEN ET AL.


Art Unit

1731

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

This application is abandoned in view of:

1. ☒ Applicant's failure to timely file a proper reply to the Office letter mailed on 11 March 2003.
  - (a) ☐ A reply was received on \_\_\_\_\_ (with a Certificate of Mailing or Transmission dated \_\_\_\_\_), which is after the expiration of the period for reply (including a total extension of time of \_\_\_\_\_ month(s)) which expired on \_\_\_\_\_.
  - (b) ☐ A proposed reply was received on \_\_\_\_\_, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection.  
(A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).
  - (c) ☐ A reply was received on \_\_\_\_\_ but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).
  - (d) ☒ No reply has been received.
2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).
  - (a) ☐ The issue fee and publication fee, if applicable, was received on \_\_\_\_\_ (with a Certificate of Mailing or Transmission dated \_\_\_\_\_), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).
  - (b) ☐ The submitted fee of \$\_\_\_\_\_ is insufficient. A balance of \$\_\_\_\_\_ is due.  
The issue fee required by 37 CFR 1.18 is \$\_\_\_\_\_. The publication fee, if required by 37 CFR 1.18(d), is \$\_\_\_\_\_.
  - (c) ☐ The issue fee and publication fee, if applicable, has not been received.
3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).
  - (a) ☐ Proposed corrected drawings were received on \_\_\_\_\_ (with a Certificate of Mailing or Transmission dated \_\_\_\_\_), which is after the expiration of the period for reply.
  - (b) ☐ No corrected drawings have been received.
4. ☐ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.
5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.
6. ☐ The decision by the Board of Patent Appeals and Interference rendered on \_\_\_\_\_ and because the period for seeking court review of the decision has expired and there are no allowed claims.
7. ☐ The reason(s) below:

  
José A Fortuna  
Primary Examiner  
Art Unit: 1731

Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.



990.1202

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Jouko KARHUNEN et al.  
Serial No. : 09/403,912  
Filed : October 28, 1999  
For : METHOD AND EQUIPMENT FOR  
ATTENUATION OF OSCILLATION IN A  
PAPER MACHINE OR IN A PAPER  
FINISHING DEVICE  
Art Unit : 1731  
Examiner : J. Fortuna

**AMENDMENT AFTER FINAL REJECTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

September 11, 2003

Sir:

In response to the Final Office Action dated March 11, 2003, entry and consideration of the following amendments and remarks is respectfully requested.

I hereby certify that this correspondence and/or fee is being deposited with the United States Postal Service as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on September 11, 2003.

STEINBERG & RASKIN, P.C.

BY: Guanette McPherson

**COPY**

## **IN THE CLAIMS**

Please amend claims as follows:

1. (Currently Amended) A method for passively damping vibration induced by rolls forming a nip in a paper machine or in a paper finishing device by means of a dynamic damper which comprises the steps of suspending a selected weight structured and arranged for multi-dimensional movement from a vibrating system by means of a spring, changing the spring constant of the spring of the dynamic damper and/or the mass of the dynamic damper by means of a control device in order to tune the natural frequency of the dynamic damper, whereby the vibration induced by rolls which are in nip contact is damped by means of the dynamic damper so that the damper is tuned to a frequency that is substantially equal to a multiple of the rotational frequency of the roll that is closest to the natural frequency of the vibrating system, or to a frequency that substantially corresponds to the problematic excitation frequency of the vibrating system.

2. (Currently amended) A method as claimed in claim 3, wherein [, in the method,] the vibration frequencies of the vibrating system (2) are measured constantly by means of one or more vibration detectors (6), the measurement signals given by the vibration detector (6) are amplified by means of an amplifier (7) and fed into a vibration analyser (8), which identifies the problematic excitation frequency and converts said

problematic excitation frequency into a control signal, which is fed into a control device (9) in order to tune the dynamic damper.

3. (Previously presented) A method as claimed in claim 1, wherein the spring of the dynamic damper is a rod (3) attached at one end thereof to the vibrating object, wherein the spring constant is changed by changing the position of the additional weight (4) on the rod (3).

4. (Previously presented) A method as claimed in claim 3, wherein when the desired tuning frequency of the dynamic damper has been obtained, the selected weight is locked in place on the rod by means of a locking means.

5. (Previously presented) A method as claimed in claim 4, wherein the locking means (30) is operated by means of compressed air.

6. (Previously presented) A method as claimed in claim 1, wherein a rod (3) made of memory metal is used as the spring of the dynamic damper.

7. (Previously presented) A method as claimed in claim 6, wherein the natural frequency of the damper is tuned to a correct level by regulating the temperature of the rod made of a memory metal material.



8. (Previously presented) A method as claimed in claim 7, wherein the temperature of the rod is regulated by means of heaters.

9. (Currently Amended) An apparatus for passively damping vibration induced by rolls forming a nip in a paper machine or in a paper finishing device by means of a dynamic damper which comprises a selected weight structured and arranged for multi-dimensional movement, said weight suspended from a vibrating system by means of a spring, said apparatus further comprising a control device which is arranged to change the spring constant of the spring of the dynamic damper and/or the mass of the dynamic damper in order to tune the natural frequency of the dynamic damper, wherein the apparatus is fitted to dampen the vibration induced by rolls forming a nip such that the control device is arranged to tune the damper to a frequency that is substantially equal to a multiple of the rotational frequency of the roll that is closest to the natural frequency of the vibrating system, or to a frequency that substantially corresponds to the problematic excitation frequency of the vibrating system.

10. (Previously presented) A method as claimed in claim 9, wherein the apparatus comprises one or more vibration detectors (6) which measure(s) the vibration frequencies of the vibrating system (2) constantly and which is/are arranged to transmit measurement signal, an amplifier (7) that amplifies the measurement signal, a vibration analyser (8) which is arranged to receive the measurement signal transmitted by the vibration detector (6) and amplified by the amplifier (7), to identify the problematic excitation frequency from said signal and to convert said problematic excitation

frequency into a control signal to be fed into the control device (9) in order to tune the dynamic damper.

11. (Previously presented) An apparatus as claimed in claim 9, wherein the spring (3, 3b) of the dynamic damper is a rod fixed at one end thereof to the vibrating system (2) in a substantially horizontal direction, on support of which rod the additional weight (4, 4b) is mounted, and that the control device (9) is arranged to change the spring constant of the spring (3, 3b) of the dynamic damper by changing the position of the additional weight (4, 4b) on the rod (3, 3b).

12. (Previously presented) An apparatus as claimed in claim 11, wherein a locking means is mounted on the rod serving as the spring of the damper in order to lock the selected weight in place when the desired tuning frequency of the damper has been obtained.

13. (Previously presented) An apparatus as claimed in claim 11, wherein the rod (3) and the additional weight (4) fitted on the rod are provided with matching threads (3'), and that the position of the additional weight (4) on the rod (3) can be regulated by rotating said additional weight on the rod.

14. (Previously presented) An apparatus as claimed in claim 13, wherein the locking means (30) is arranged to act in the axial direction of the rod (3) and to produce an axial force acting on the additional weight (4) in order to provide a frictional force

necessary for locking between the matching threads on the rod (3) and on the additional weight (4).

15. (Previously presented) An apparatus as claimed in claim 12, wherein the locking means (30) is a piston device fixed onto the rod.

16. (Previously presented) An apparatus as claimed in claim 15, wherein the piston device (30) is telescopic in order to provide the necessary stroke length.

17. (Previously presented) An apparatus as claimed in claim 12, wherein the locking means (30) is operated by compressed air.

18. (Previously presented) An apparatus as claimed in claim 9, wherein the additional weight (4, 4b) included in the dynamic damper comprises a container suspended from the spring (3a, 3b) and filled with a liquid, the amount of the liquid in said container being adjustable in order to regulate the mass.

19. (Previously presented) An apparatus as claimed in claim 18, wherein the control device (9) is connected to a pump (21) and to a valve (22) in order to regulate the amount of the liquid.

20. (Previously presented) An apparatus as claimed in claim 9, wherein the control device comprises a stepping motor in order to change the location of the mass of the dynamic damper.

21. (Previously presented) An apparatus as claimed in claim 9, wherein the apparatus is fitted so as to dampen vibration in a nip in which at least one of the rolls forming the nip is provided with a soft coating (9).

22. (Previously presented) An apparatus as claimed in claim 9, wherein the dynamic damper and the vibration detectors (6) are fitted and fixed to the bearing housing (2) of the roll.

23. (Previously presented) An apparatus as claimed in claim 9, wherein the spring of the dynamic damper is a rod (3) made of memory metal.

24. (Previously presented) An apparatus as claimed in claim 23, wherein the natural frequency of the damper is arranged to be tuned by regulating the temperature of the rod made of a memory metal material.

25. (Previously presented) An apparatus as claimed in claim 24, wherein, in order to regulate the temperature of the rod, the apparatus is provided with heaters.

## **REMARKS**

### **Status of the Claims**

Claims 1-26 are pending in this application, claims 1, 2 and 9 having been amended herein.

Claims 1-26 were rejected under 35 U.S.C. §102(b) as being anticipated by or, in the alternative, under 35 U.S.C. §103(a) as obvious over Arnhold et al..

### **Claims Rejections - 35 U.S.C. §102(b)/35 U.S.C. §103(a)**

Claims 1-26 were rejected under 35 U.S.C. §102(b) as being anticipated by or, in the alternative, under 35 U.S.C. §103(a) as obvious over Arnhold et al.. Applicant respectfully traverses these statements.

Applicant's representative has conducted a telephone interview with the Examiner and has reached an agreement as to the claim language for independent claims 1 and 9.

As per the Examiner's suggestion, Applicant has amended independent claim 1 to include the term "structured and arranged for multi-dimensional movement" immediately following the term "suspending a selected weight" as recited above. Thus, claim 1 should be in condition for allowance. Claims 2-8 depend either directly or indirectly from claim 1 and thus should also be allowable.

Also, as per the Examiner's suggestion, Applicant has amended independent claim 9 to include the term "structured and arranged for multi-dimensional movement, said weight" immediately following the term "a selected weight." Thus, claim 9 should

be in condition for allowance. Claims 10-26 depend either directly or indirectly from claim 9 and thus should also be allowable.

The advantages of a "suspended weight" over a weight that is only movable in one dimension or in one direction are obvious to a man of ordinary skill in the art and is exemplified in Figs. 1 and 2 of the present application.

Fig. 1 shows a size press 10 comprising a frame 14 and two size press rolls 1, 11. The rolls are in nip contact with each other. The nip contact and specifically any variation in the nip contact may cause vibrations. Now, e.g. if one or both of the rolls are replaced with another roll and if the diameter of the new roll is not the same as in the original roll, then at least the main direction of the vibrating movement is not the same as in the original assembly. The "suspended weight" as shown in Fig. 2 of the present application can adapt itself to the change in the direction of the vibrating movement. Conversely, in the system of Arnhold et al. the weight can only move in one direction and the weight cannot be adapted to the new direction of the vibrating movement.

In view of the above it is submitted that the Arnhold et al. references fails to anticipate and/or render the claimed invention obvious. Withdrawal of the Examiner's rejections under §§ 102(b) and 103(a) is, therefore, respectfully requested.

### **Conclusion**

In view of the above amendments it is submitted that the Examiner's objections and rejections have been overcome and should be removed and the present application should now be in condition for allowance.


Should any changes to the claims and/or specification be deemed necessary to place the application in condition for allowance, the Examiner is respectfully requested to contact the undersigned to discuss the same.

A petition for a three-month extension of time with the requisite fee is attached herewith. In the event that any other fees are required, the Patent and Trademark Office is specifically authorized to charge such fee to Deposit Account No. 50-0518 in the name of Steinberg & Raskin, P.C.

An early and favorable action on the merits is earnestly solicited.

Respectfully submitted,

STEINBERG & RASKIN, P.C.

By: 

Keith D. Moore  
Reg. No. 44,951

Steinberg & Raskin, P.C.  
1140 Avenue of the Americas  
New York, New York 10036  
(212) 768-3800



990.1202

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Examiner: Fortuna, José A

Group Art Unit: 1731

Re: Application of: Jouko KARHUNEN, et al.  
Serial No.: 09/403,912  
Filed: October 28, 1999  
For: METHOD AND EQUIPMENT FOR  
ATTENUATION OF OSCILLATION IN A PAPER  
MACHINE OR IN A PAPER FINISHING  
MACHINE

**NOTICE OF APPEAL FROM THE EXAMINER TO  
THE BOARD OF PATENT APPEALS AND INTERFERENCES**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

September 11, 2003

Dear Sir:

Applicants hereby appeal to the Board of Patent Appeals and Interferences from the decision of the Examiner in the Final Office Action dated March 11, 2003 rejecting claims 1-26.

The appeal fee of \$320.00 is submitted herewith. The Director is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 500518. A duplicate copy of this letter is enclosed.

Respectfully submitted,

By: 

Keith D. Moore  
Reg. No. 44,951

Steinberg & Raskin, P.C.  
1140 Avenue of the Americas, 15th Floor  
New York, NY 10036-5803  
Telephone: (212) 768-3800  
Facsimile: (212) 382-2124  
E-mail: [sr@steinbergaskin.com](mailto:sr@steinbergaskin.com)

I hereby certify that this correspondence and/or fee is being deposited with the United States Postal Service as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on September 11, 2003.

STEINBERG & RASKIN, P.C.

BY: 

**COPY**



**UNITED STATES PATENT AND TRADEMARK OFFICE**

Examiner: Fortuna, José A.

Group Art Unit: 1731

Re: Application of: Jouko KARHUNEN, et al.  
Serial No.: 09/403,912  
Filed: October 28, 1999  
For: METHOD AND EQUIPMENT FOR ATTENUATION  
OF OSCILLATION IN A PAPER MACHINE OR IN A  
PAPER FINISHING MACHINE

**PETITION FOR AN EXTENSION OF TIME UNDER 37 CFR §1.136(a)**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

September 11, 2003

Dear Sir:

Applicants hereby petition the Commissioner for Patents and Trademarks to extend the time for response for three months from June 11, 2003 to September 11, 2003.

The extension fee of \$930.00 is submitted herewith. The Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 500518. A duplicate copy of this letter is enclosed.

Respectfully submitted,

By:

Keith D. Moore  
Reg. No. 44,951

Steinberg & Raskin, P.C.  
1140 Avenue of the Americas, 15th Floor  
New York, NY 10036-5803  
Telephone: (212) 768-3800  
Facsimile: (212) 382-2124  
E-mail: [sr@steinberggraskin.com](mailto:sr@steinberggraskin.com)

I hereby certify that this correspondence and/or fee is being deposited with the United States Postal Service as first class mail in an envelope addressed to "Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450" on September 11, 2003.

STEINBERG &amp; RASKIN, P.C.

BY:

**COPY**



Our Ref.: 990.1202

kdm

September 11, 2003

Re: U.S. Patent Application  
Serial No.: 09/403,912  
Applicant: Jouko KARHUNEN, et al.  
Assignee: METSO PAPER, INC.  
Title: METHOD AND EQUIPMENT FOR ATTENUATION ...

- Amendment After Final Rejection with Certificate of Mailing (10 pages)
- Petition for an Extension of Time under 37 CFR §1.136(a) (1 page, in duplicate)
- Notice of Appeal from the Examiner to the Board of Patent Appeals and Interferences (1 page)
- Check No. 6399 for \$1,250.00

Mail Stop AF

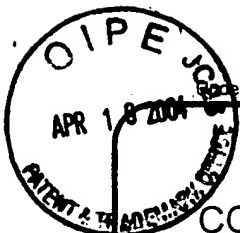
Envelope: First Class Mail

Due Date: September 11, 2003



Checked By:

**COPY**



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**REQUEST  
FOR  
CONTINUED EXAMINATION (RCE)  
TRANSMITTAL**

Address to:  
Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Application Number	09/403,912
Filing Date	October 28, 1999
First Named Inventor	Jouko KARHUNEN, et al.
Art Unit	1731
Examiner Name	Fortuna, Jose A.
Attorney Docket Number	990.1202

**This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.**  
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. ☐ Submission required under 37 CFR 1.114 Note: If the RCE is proper, any previously filed unentered and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).
- a. ☒ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.
- i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on \_\_\_\_\_
- ii. ☒ Other Amendment After Final Rejection
- b. ☐ Enclosed
- i. ☐ Amendment/Reply iii. ☐ Information Disclosure Statement (IDS)
- ii. ☐ Affidavit(s)/Declaration(s) iv. ☐ Other \_\_\_\_\_
2. ☐ Miscellaneous
- a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of \_\_\_\_\_ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)
- b. ☐ Other \_\_\_\_\_
3. ☐ Fees The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.
- a. ☒ The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 50-0518
- i. ☒ RCE fee required under 37 CFR 1.17(e)
- ii. ☒ Extension of time fee (37 CFR 1.136 and 1.17)
- iii. ☐ Other \_\_\_\_\_
- b. ☒ Check in the amount of \$ 2,780.00 enclosed
- c. ☐ Payment by credit card (Form PTO-2038 enclosed)

**COPY****SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

Name (Print / Type)

Registration No. (Attorney / Agent)

37,937

Signature

Date

April 14, 2004

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Name (Print / Type)

Annette McPherson

Signature

Date

April 14, 2004

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Examiner: Fortuna, José A.

Group Art Unit: 1731

Re: Application of: Jouko KARHUNEN, et al.  
Serial No.: 09/403,912  
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OF OSCILLATION IN A PAPER MACHINE OR IN A  
PAPER FINISHING MACHINE

**PETITION FOR AN EXTENSION OF TIME UNDER 37 CFR §1.136(a)**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

April 14, 2004

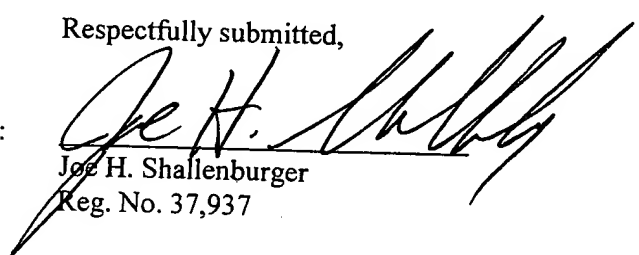
Dear Sir:

Applicants hereby petition the Commissioner for Patent to extend the time for filing a response to the Office Action dated October 17, 2003 for five months from November 15, 2003 to April 15, 2004.

The extension fee of \$2,010.00 is submitted herewith. The Director is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 500518. A duplicate copy of this letter is enclosed.

Respectfully submitted,

By:



Joe H. Shallenburger  
Reg. No. 37,937

Steinberg & Raskin, P.C.  
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